July 19, 2023

Karma Suchan
Solid Waste Division Manager
Yakima County Public Services
7151 Roza Hill Drive
Yakima, WA 98901

RE: Inspection of the Cheyne Municipal Solid Waste Landfill & Transfer Station (HSW2018-00003).

Dear Karma Suchan,

On July 14, 2023, I conducted an inspection of the above referenced facilities. During that inspection, the following items were found to be out of compliance:

Landfill Gas Monitoring and Control

There are exceedances of the LEL for Methane on site at this facility. Discussions between YHD, Yakima County, Department of Ecology, and Yakima Regional Clean Air Authority have taken place regarding methane exceedances at the Yakima County Landfills. It was agreed that Terrace Heights will be prioritized and then mimicked at Cheyne due to the reduced public safety concern at Cheyne. Ensure the Methane gas exceedance is addressed at this facility.

Other than the items mentioned above, operations appear to be within the limits set by the permit and other applicable regulations.

If you have any questions, please contact steven.newchurch@co.yakima.wa.us or (509) 249-6504.

Sincerely,

Steven Newchurch
Environmental Health Specialist

cc: Washington State Department of Ecology
Yakima Regional Clean Air Authority

Check List for **Municipal Solid Waste Landfill** Inspection

(Field notes only. Not an official notification of deficiencies.)

TERRACE HEIGHTS LANDFILL
HSW2018-00002
7601 Roza Hill Drive
Yakima, WA 98901
Karma Suchan (574-2450)

CHEYNE ROAD LANDFILL
HSW2018-00003
4970 Cheyne Road
Zillah, WA 98953
Karma Suchan (574-2455)

DATE 7/14/23

INSPECTOR S Newchurch

CONTACT PERSON Karma Suchan

ITEM		COMMENTS
Personnel On-Site When Facility Is Open (two personnel required when over 50,000 yd³/per year; one at working face)	ok ✓	unsatisfactory:
Access Road	ok ✓	unsatisfactory:
Required Signage (entrance signage maintained; on-site directional signage adequate, special waste signage (i.e. asbestos, HHW, etc.))	ok ✓	unsatisfactory:
Employee Facilities	ok ✓	unsatisfactory:
Weighing Facilities	ok ✓	unsatisfactory:
Communications	ok ✓	unsatisfactory:
Fire Protection	ok ✓	unsatisfactory:
Limited Access (lockable gate required; fences and gates in operable condition)	ok ✓	unsatisfactory:
Unloading	ok ✓	unsatisfactory:
Size of Working Face	ok ✓	unsatisfactory:
Depths of Fill in Cells (as per plan of operations (usually no deeper than 15'))	ok ✓	unsatisfactory:
Spreading & Compacting	ok ✓	unsatisfactory:
Litter (no litter off-site; litter picked up as needed)	ok ✓	unsatisfactory:
Daily Cover (6" soil cover; alternative okay if approved)	ok ✓	unsatisfactory:
Intermediate Cover	ok ✓	unsatisfactory:
Final cover (no erosion; no excessive settlement)	ok ✓	unsatisfactory:
Waste Screening and Management Program (dangerous waste excluded; random inspections done; no liquids or prohibited materials)	ok ✓	unsatisfactory:

Hazardous Waste Area ok ✓ unsatisfactory: _____

Bulky Item Provisions ok ✓ unsatisfactory: _____

Burning ok ✓ unsatisfactory: _____
(prohibited unless approved by the Clean Air Authority)

Salvaging/Scavenging ok ✓ unsatisfactory: _____
(recycling is allowed)

Vector Control ok ✓ unsatisfactory: _____
(no excessive flies, rodents, etc.)

Dust Control ok ✓ unsatisfactory: _____
(no excessive dust that can interfere with operations; no fugitive dust)

Placement in Groundwater ok ✓ unsatisfactory: _____

Run-on/Run-off Controls ok ✓ unsatisfactory: _____
(berms in good condition; ditches not blocked; culverts okay; collection lagoons okay)

Final Grading ok N/A unsatisfactory: _____

Animal Feeding ok ✓ unsatisfactory: _____

Septage Lagoon Area Clean ok ✓ unsatisfactory: _____

Operational Records & Plan Execution ok ✓ unsatisfactory: _____
(DO NOT NEED TO LOOK AT THIS EVERY INSPECTION; random inspections documented; personnel trained to recognize prohibited waste; self inspections done at least weekly; daily operating records maintained (weights, number of vehicles, types of wastes))

Groundwater and Gas Monitoring Structures Protected ok ✓ unsatisfactory: _____

Landfill Gas Monitoring and Control ok ___ unsatisfactory: Methane exceedances being addressed.
(equipment, if present, functioning properly)

Leachate Management System ok N/A unsatisfactory: _____

Reserve Operational Equipment Availability Ensured ok ✓ unsatisfactory: _____

Recycling Opportunity Provided ok ✓ unsatisfactory: _____
(conveniently located/accessible)

COMMENTS:

INSPECTOR'S SIGNATURE S Valenti

Check List for **Transfer/Recycling Station** Inspection

(Field notes only. Not an official notification of deficiencies.)

CHEYNE LANDFILL TRANSFER STATION
HSW2018-00003
4970 Cheyne Road
Zillah, WA 98953
Karma Suchan (574-2458)

TERRACE HEIGHTS TRANSFER STATION
HSW2018-00002
7601 Roza Hill Drive
Yakima, WA 98901
Karma Suchan (574-4213)

DATE 7/19/23

INSPECTOR S Newbrech

CONTACT PERSON Karma Suchan

ITEM		COMMENTS
Required Signage (entrance signage maintained; on-site direction signage adequate; special waste signage)	ok ✓ unsatisfactory:	
Access Road (all weather; adequate traffic passage and control)	ok ✓ unsatisfactory:	
Employee Facilities	ok ✓ unsatisfactory:	
Weighing Facilities (scales operational (volume estimates okay))	ok ✓ unsatisfactory:	
Communications (must be able to summon emergency help)	ok ✓ unsatisfactory:	
Fire Protection	ok ✓ unsatisfactory:	
Personnel On-Site When Facility Is Open (one person required when open)	ok ✓ unsatisfactory:	
Limited Access (Fences and gates in operable condition)	ok ✓ unsatisfactory:	
Burning (burning is prohibited unless approved by the clean air authority)	ok ✓ unsatisfactory:	
Unloading Unloading area protected from weather	ok ✓ unsatisfactory:	
Litter (no litter off-site; litter picked up as needed)	ok ✓ unsatisfactory:	

No Excessive Odors ok ✓ unsatisfactory: _____

No Excessive Waste Beneath Trailers ok ✓ unsatisfactory: _____

Waste Screening and Management Program ok ✓ unsatisfactory: _____
(no liquids or prohibited materials)

Hazardous Waste Area ok ✓ unsatisfactory: _____

Bulky Item Provisions ok ✓ unsatisfactory: _____

Salvaging/Scavenging ok ✓ unsatisfactory: _____
(recycling is allowed)

Vector Control ok ✓ unsatisfactory: _____
No excessive flies, rodents, or other vectors

Dust Control ok ✓ unsatisfactory: _____
(no excessive dust that can interfere with operations; no fugitive dust)

Run-on/Run-off Control ok ✓ unsatisfactory: _____
(berms and other controls adequate and in reasonable condition; run-off collection okay)

Animal Feeding ok ✓ unsatisfactory: _____

Operational Records and Plan Execution ok ✓ unsatisfactory: _____

Leachate Management System ok N/A unsatisfactory: _____

Operating Record ok ✓ unsatisfactory: _____
(random inspections documented; personnel trained to recognize prohibited waste; self inspections done at least weakly; daily operating records maintained (weights, number of vehicles, types of wastes))

COMMENTS: _____

_____

_____

_____

_____

INSPECTOR'S SIGNATURE _____

July 19, 2023

Karma Suchan
Solid Waste Division Manager
Yakima County Public Services
7151 Roza Hill Drive
Yakima, WA 98901

RE: Inspection of the Terrace Heights Municipal Solid Waste Landfill, Moderate Risk Waste Facility, and Transfer Station (HSW2018-00002).

Dear Karma Suchan,

On July 14, 2023, I conducted an inspection of the above referenced facilities. During that inspection, the following items were found to be out of compliance:

Landfill Gas Monitoring and Control

There are exceedances of the LEL for Methane at the perimeter of this facility. Discussions between Yakima Health District, Yakima County, Washington State Department of Ecology, and Yakima Regional Clean Air Authority have taken place regarding Methane exceedances at the Terrace Heights Landfill. Engineered drawings for the gas extraction system appear to be approved awaiting confirmation by Ecology.

Other than the items mentioned above, operations appeared to be within the limits set by the permit and other applicable regulations.

If you have any questions, please contact steven.newchurch@co.yakima.wa.us or (509) 249-6504.

Sincerely,

Steven Newchurch
Environmental Health Specialist

cc: Washington State Department of Ecology
Yakima Regional Clean Air Authority

Check List for **Municipal Solid Waste Landfill** Inspection

(Field notes only. Not an official notification of deficiencies.)

TERRACE HEIGHTS LANDFILL
HSW2018-00002
7601 Roza Hill Drive
Yakima, WA 98901
Karma Suchan (574-2450)

CHEYNE ROAD LANDFILL
HSW2018-00003
4970 Cheyne Road
Zillah, WA 98953
Karma Suchan (574-2455)

DATE 7/14/23

INSPECTOR S Nowchurch

CONTACT PERSON Karma Suchan

ITEM		COMMENTS
Personnel On-Site When Facility Is Open (two personnel required when over 50,000 yd^3/per year; one at working face)	ok ✓	unsatisfactory:
Access Road	ok ✓	unsatisfactory:
Required Signage (entrance signage maintained; on-site directional signage adequate; special waste signage (i.e. asbestos, HHW, etc.))	ok ✓	unsatisfactory:
Employee Facilities	ok ✓	unsatisfactory:
Weighing Facilities	ok ✓	unsatisfactory:
Communications	ok ✓	unsatisfactory:
Fire Protection	ok ✓	unsatisfactory:
Limited Access (lockable gate required; fences and gates in operable condition)	ok ✓	unsatisfactory:
Unloading	ok ✓	unsatisfactory:
Size of Working Face	ok ✓	unsatisfactory:
Depths of Fill in Cells (as per plan of operations (usually no deeper than 15'))	ok ✓	unsatisfactory:
Spreading & Compacting	ok ✓	unsatisfactory:
Litter (no litter off-site; litter picked up as needed)	ok ✓	unsatisfactory:
Daily Cover (6" soil cover; alternative okay if approved)	ok ✓	unsatisfactory:
Intermediate Cover	ok ✓	unsatisfactory:
Final cover (no erosion; no excessive settlement)	ok ✓	unsatisfactory:
Waste Screening and Management Program (dangerous waste excluded; random inspections done; no liquids or prohibited materials)	ok ✓	unsatisfactory:

Hazardous Waste Area ok ✓ unsatisfactory: _____

Bulky Item Provisions ok ✓ unsatisfactory: _____

Burning ok ✓ unsatisfactory: _____
(prohibited unless approved by the Clean Air Authority)

Salvaging/Scavenging ok ✓ unsatisfactory: _____
(recycling is allowed)

Vector Control ok ✓ unsatisfactory: _____
(no excessive flies, rodents, etc.)

Dust Control ok ___ unsatisfactory: Large plumes of dust observed.
(no excessive dust that can interfere with operations; no fugitive dust)

Placement in Groundwater ok ✓ unsatisfactory: _____

Run-on/Run-off Controls ok ✓ unsatisfactory: _____
(berms in good condition; ditches not blocked; culverts okay; collection lagoons okay)

Final Grading ok ✓ unsatisfactory: _____

Animal Feeding ok ✓ unsatisfactory: _____

Septage Lagoon Area Clean ok N/A unsatisfactory: _____

Operational Records & Plan Execution ok ✓ unsatisfactory: _____
(DO NOT NEED TO LOOK AT THIS EVERY INSPECTION; random inspections documented; personnel trained to recognize prohibited waste; self inspections done at least weakly; daily operating records maintained (weights, number of vehicles, types of wastes))

Groundwater and Gas Monitoring Structures Protected ok ✓ unsatisfactory: _____

Landfill Gas Monitoring and Control ok ___ unsatisfactory: Exceedances on Northern Boundary of Methane being addressed.
(equipment, if present, functioning properly)

Leachate Management System ok N/A unsatisfactory: _____

Reserve Operational Equipment Availability Ensured ok ✓ unsatisfactory: _____

Recycling Opportunity Provided ok ✓ unsatisfactory: _____
(conveniently located/accessible)

COMMENTS:

INSPECTOR'S SIGNATURE S Nuelen